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Applicant: Arie Pieter Otte

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Title: Method of Detecting a DNA Sequence, a DNA Sequence, a Method of Making a DNA Construct and the Use Thereof

Sir:

PRELIMINARY AMENDMENT

Please cancel claims 1 - 24 without prejudice of disclaimer and substitute following new claims prior to examination:

IN THE CLAIMS:

25. (New) A method of detecting, and optionally selecting, a DNA sequence, wherein the DNA sequence to be detected possesses a stable expression-modulating quality, which method comprises the steps of :

- 1) cloning in a vector of DNA fragments between i) a DNA sequence involved in the induction of gene-transcription repressing chromatin, and ii) a reporter gene comprising a promotor, resulting in a variety of a fragment-comprising vectors;
- 2) introducing the vectors into a transcription system; and
- 3) subjecting the host cells to a selection step in order to identify the DNA sequence with a stable expression modulating quality.